

Forecasting For De-Icing (FFDI)

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TRAINING POINT OF CONTACT: Tom Fahey, Northwest Airlines, 612-726-3256, tom.fahey@nwa.com

PROGRAM/PROJECT DESCRIPTION: This capability provides forecasts of things such as aircraft rime ice on descent, frost, snowfall with rates of accumulation, freezing precipitation, and winds over 16 knots to support ground operations and operation control decision making.

I. TRAINING REQUIREMENTS:

A. Trainees **B. Skill Level of Designated Trainees**

Air Traffic Controllers

⇒ Terminal (Radar Control/Tower) Developmental Journey Level Operations Supervisor

Traffic Managers Command Center Traffic Management Specialist
Traffic Management Unit Traffic Management Specialist

Dispatchers Operations Planner Assistant Flight Dispatcher Flight Dispatcher
Chief Dispatcher

Ground Operations Crews Airport Operations Officer

Private Sector

⇒ Forecasters Under Supervision Independent Forecaster Senior Forecaster

Others: De-icing crews, and Supervisors

C. Training Required

Familiarization Refresher Training Basic Knowledge Basic Task Performance
 Intermediate Knowledge Intermediate Task Performance (De-icing crews, supervisors)
 Advanced Knowledge Advanced Task Performance (Meteorologists)

II. TRAINING DEVELOPMENT/DELIVERY:

A. Training Program Status

Periodic Updates and Reviews (current) Other: semi-annual general refresher classes

B. Training Method

Computer Based Training (Web-on-line, CD training modules) Formal Classroom (Lecture/Discussion) (refresher)
 Self-study (Text, Videotape) On-the-job Training (Operational Area)

C. Training Delivery Resources

Computer Based Instruction Operational Product Other: NWA Meteorology Procedures Manual

D. Training Provider

Private Sector/Industry (e.g. Airlines, Flight Safety, Inc.)

E. Training Measurement

Written (e.g. multiple choice, fill in blanks) Performance (task performance and evaluation)

F. Training References

Other: NWA Meteorology Procedures Manual

G. Training Completion Documentation

Individual Training Records

III. TRAINING IDENTIFICATION/DESCRIPTION

A. Training Identification

Location: Northwest Airlines (on site) Cost: \$2,000 per class, up to 20 students

B. Training Length

Number of Days: 2 days (intermediate) 5 days (advanced) Number of Hours: 4 hours (familiarization through basic)

C. Group Size

Minimum: 1 Desired: 7 Maximum: 20

D. Trainer to Trainee Ratio

One trainer for 6 to 12 trainees

E. Point of Contact to Request Training

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